

# Bay Area Air Quality Management District

939 Ellis Street  
San Francisco, CA 94109  
(415) 771-6000

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## Proposed

## MAJOR FACILITY REVIEW PERMIT

**Issued To:**

**Acme Fiberglass, Inc.**

**Site #A0575**

**Site Address:**

29240 Pacific Street  
Hayward, CA 94544

**Mailing Address:**

29240 Pacific Street  
Hayward, CA 94544  
(510) 538-3440

**Responsible Official** - Benjamin Zamora, Manager

**Facility Contact** - Benjamin Zamora, Manager

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**Type of Facility:** Fiberglass/Resin Operation

**Primary SIC:** 3088

**Product:** Fiberglass Products

**ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

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Ellen J. Garvey, Air Pollution Control Officer

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Date

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## I. STANDARD CONDITIONS

### **Administrative Requirements**

The permit holder shall comply with all applicable requirements in BAAQMD Regulation 1 - General Provisions and Definitions (11/3/93); SIP Regulation 1 - General Provisions and Definitions (3/17/82); BAAQMD Regulation 2, Rule 1 - Permits, General Requirements (6/7/95); SIP Regulation 2, Rule 1 - Permits, General Requirements (2/1/95); BAAQMD Regulation 2, Rule 2 - Permits, New Source Review (6/7/95); SIP Regulation 2, Rule 2 - Permits, New Source Review and Prevention of Significant Deterioration (12/1/82); and BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking (6/15/94).

### **Conditions to Implement Regulation 2, Rule 6, Major Facility Review**

This Major Facility Review Permit expires on ***[ENTER DATE 5 YEARS AFTER ISSUANCE]***. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than ***[6 MONTHS PRIOR TO EXPIRATION]*** and no earlier than ***[ONE YEAR PRIOR TO EXPIRATION]***. **If a complete application for renewal has not been submitted in accordance with these deadlines, the facility may not operate after *[DAY PRIOR TO EXPIRATION]*.** (Regulation 2-6-307, 404.2, & 409.6; MOP Volume II, Part 3, §4.2)

The permit holder shall comply with all conditions of this permit. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)

In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)

The filing of a request by the facility for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)

This permit does not convey any property rights of any sort, nor any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)

The permit holder shall supply any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit within 30 days. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)

Any records required to be maintained pursuant to this permit which the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from

## **I. Standard Conditions (continued)**

the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)

The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)

### **Minor Permit Modification Procedures**

Notwithstanding the provisions set forth in Regulation 2, Rule 6, Major Facility Review, Section 411, Reports to EPA and Public Petitions for Major Facility Review Permits; Section 412, Public Participation, Major Facility Review Permit Issuance; and Section 414, Minor Permit Modification Procedures:

1. Advance public notice and EPA review shall not be required for any proposed minor permit modification. Once per calendar quarter, the District shall publish a list that includes any minor permit modification issued during the previous quarter.
2. For any minor permit modification involving an emission increase from any source or group of sources equal to or greater than: 5 tons per year of a regulated air pollutant; 2 tons per year of any single hazardous air pollutant; and 5 tons per year of any combination of hazardous air pollutants, the District shall provide to EPA a copy of each relevant application or a summary of the application, and a copy of each final permit revision.
3. For any minor permit modification involving an emission increase from any source or group of sources of less than: 5 tons per year of a regulated air pollutant, 2 tons per year of any single hazardous air pollutant; and 5 tons per year of any combination of hazardous air pollutants, the District shall not submit a copy of the relevant application, a summary of the application, or final permit revision to EPA. EPA shall not object to any permit modification involving an emission increase below the levels described herein. Such permit modifications shall be incorporated as attachments to this permit during the remaining term of the permit, and incorporated into the body of the permit as part of the five-year permit renewal.

### **Requirement to Pay Fees**

The permit holder shall pay annual fees in accordance with District Regulation 3, including Schedule P. (Regulation 2-6-402 & 409.13, Regulation 3; MOP Volume II, Part 3, §4.12)

### **Inspection and Entry**

Access to Facility: The permit holder shall provide reasonable access to the facility and equipment which is subject to this permit to the APCO and/or to his or her designee. (Regulation 1-440, Regulation 2-6-409.3; MOP Volume II, Part 3, §4.14)

### **Records**

Notwithstanding the specific wording in any requirement, all records for federally enforceable requirements shall be maintained for at least five years from the date of entry. (Regulation 2-6-501, Regulation 3; MOP Volume II, Part 3, §4.7)

## **I. Standard Conditions (continued)**

### **Monitoring Reports**

All required monitoring reports must be submitted to the District at least once every six months. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. (Regulation 2-6-502, Regulation 3; MOP Volume II, Part 3, §4.7)

### **Compliance Certification**

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. (Regulation 2-6-409.9; MOP Volume II, Part 3, §4.15)

### **Emergency Provisions**

The permit holder may seek relief from enforcement action in the event of a breakdown, as defined by Regulation 1-208 of the District's Rules and Regulations, by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)

The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit caused by conditions beyond the permit holder's reasonable control by applying to the District's Hearing Board for a variance pursuant to Health and Safety Code Section 42350. The Hearing Board will determine after notice and hearing whether variance relief should be granted in accordance with the procedures and standards set forth in Health and Safety Code Section 42350 et seq. Any variance granted by the Hearing Board from any term or condition of this permit which lasts longer than 90 days will be subject to EPA approval. (MOP Volume II, Part 3, §4.8)

Notwithstanding the foregoing, the granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement unless the Major Facility Review Permit has been modified pursuant to Regulation 2, Rule 6. (MOP Volume II, Part 3, §4.8)

### **Severability**

In the event that any provision of this permit is invalidated by a court or tribunal of competent jurisdiction, or by the Administrator of the EPA, all remaining portions of the permit shall remain in full force and effect. (Regulation 2-6-409.5; MOP Volume II, Part 3, §4.10)

## II. EQUIPMENT LIST

### A. Permitted Source List

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits.

**Table II-A**

S-#	Description	Make or Type	Model	Capacity
S-1	Chopper Gun #1	Polycraft	unknown	N/A
S-2	Chopper Gun #2	Polycraft	unknown	N/A
S-3	Spray Booth	Binks	unknown	N/A
S-4	Bulk Storage for Polyester Styrene	Fixed Roof Tank	unknown	6000 gallons

### B. Abatement Device List

**Table II-B**

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Required Efficiency
	None				

### III. GENERALLY APPLICABLE EMISSION REQUIREMENTS

The permit holder shall comply with the applicable requirements specified in the BAAQMD and SIP Rules and Regulations cited below. The District has determined that these requirements would not be violated under normal, routine operations, and that no additional periodic monitoring or reporting to demonstrate compliance is warranted. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more sources, the requirement and the source are also included in Part IV, Applicable Requirements, and Part VI, Applicable Emission Limits & Compliance Monitoring Requirements, of this permit. The dates in parenthesis in the Title column are the dates of adoption or most recent amendment or for SIP requirements, the most recent date of EPA approval.

**Table III**

Applicable Requirement	Regulation Title or Description of Requirement	SIP-approved/ FE (Y/N)	Sources/Operations Covered
<b>BAAQMD Regulation 1</b>	<b>General Provisions and Definitions (11/3/93)</b>	Y <sup>1</sup>	all
<b>BAAQMD Regulation 4</b>	<b>Air Pollution Episode Plan (3/20/91)</b>	Y	facility
<b>BAAQMD Regulation 5</b>	<b>Open Burning (11/2/94)</b>	Y <sup>1</sup>	facility
<b>BAAQMD Regulation 6</b>	<b>Particulate Matter and Visible Emissions (12/19/90)</b>		
6-301	Ringelmann Number 1 Limitation	N <sup>1</sup>	all, except temporary sandblasting, open fires, and operations subject to BAAQMD §6-303, 304, or 306
6-303	Ringelmann Number 2 Limitation	Y	sources listed in subsections
6-305	Visible Particles	Y	all, except temporary sandblasting and open fires

(continued)

### III. Generally Applicable Emission Requirements (continued)

**Table III** (continued)

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>SIP-approved/ FE (Y/N)</b>	<b>Sources/Operations Covered</b>
6-310	Particulate Weight Limitation	Y	all, except temporary sandblasting and open fires
6-401	Appearance of Emissions	Y	all
<b>BAAQMD Regulation 7</b>	<b>Odorous Substances (3/17/82)</b>	N	all
<b>BAAQMD Regulation 8, Rule 1</b>	<b>Organic Compounds - General Provisions (6/15/94)</b>	Y	solvent cleaning operations, except operations subject to Reg. 8-2 or 8-4 which meet minimum abatement requirements
<b>BAAQMD Regulation 8, Rule 3</b>	<b>Organic Compounds - Architectural Coatings (12/20/95)</b>	Y <sup>1</sup>	application of architectural coating
<b>BAAQMD Regulation 8, Rule 16</b>	<b>Organic Compounds - Solvent Cleaning Operations (6/15/94)</b>		
8-16-111	Exemption, Wipe Cleaning	Y	wipe cleaning operations
8-16-114	Exemption, Emulsion or Solution Cleaners	Y	operations exclusively using emulsion or solution cleaners containing < 1 wt% VOC
8-16-115	Exemption, Small, Unheated Solvent Cleaning Equipment	Y	unheated equipment containing < 1 gal solvent or evaporative area < 1 ft <sup>2</sup>

(continued)



### III. Generally Applicable Emission Requirements (continued)

**Table III** (continued)

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>SIP-approved/ FE (Y/N)</b>	<b>Sources/Operations Covered</b>
8-16-118.2	Limited Exemption, Compound with Low Volatility - Cold Cleaners	Y	cold cleaners using low volatility compounds
8-16-119	Limited Exemption, Sealed Chamber Solvent Cleaners	Y	sealed chamber solvent cleaners
8-16-303	Cold Cleaner Requirements	Y	cold solvent cleaners
8-16-304	Trichloroethylene Limitation	Y	all solvent cleaning operations
8-16-501	Solvent Records	Y	all solvent cleaning operations, except cold cleaners using low volatility compounds
<b>BAAQMD Regulation 8, Rule 49</b>	<b>Organic Compounds - Aerosol Paint Products (12/20/95)</b>	Y <sup>1</sup>	application of or specifications for aerosol products
<b>BAAQMD Regulation 8, Rule 51</b>	<b>Organic Compounds - Adhesive and Sealant Products (12/20/95)</b>	N	application or specification of adhesive or sealant products
<b>BAAQMD Regulation 11, Rule 2</b>	<b>Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (12/4/91)</b>	Y	asbestos surfacing/coating, installation, demolition, disposal
<b>BAAQMD Regulation 12, Rule 4</b>	<b>Miscellaneous Standards of Performance - Sandblasting (7/11/90)</b>	Y <sup>1</sup>	non-permanent abrasive blasting operations

<sup>1</sup> There are differences between the current BAAQMD rule and the version of the rule in the SIP. For specific information, contact the District's Rule Development Section of the Enforcement Division. All sources must comply with both versions of the rule until US EPA has reviewed and approved (or disapproved) the District's revision of the regulation.

## IV. APPLICABLE REQUIREMENTS

The permit holder shall comply with all requirements specified in the sections of the applicable rules and regulations and permit conditions cited below. The text of all permit conditions cited is included in Part V, Permit Conditions, of this permit. All other text may be found in the regulations themselves. The dates in parenthesis in the Regulation Title column are the dates of adoption or most recent amendment or for SIP requirements, the most recent date of EPA approval.

**Table IV-A**

**S-1, Chopper Gun #1**

**S-2, Chopper Gun #2**

**S-3, Spray Booth**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>SIP-approved/ FE (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 50</b>	<b>Organic Compounds - Polyester Resin Operations (12/20/95)</b>		
8-50-110	Limited Exemption, Touch-up and Repair	Y	
8-50-220 <sup>2</sup>	Volatile Organic Compound	N	
8-50-301	Process Requirements	Y	
8-50-302	Spraying Operations	Y	
8-50-302.1	Airless Spray	Y	
8-50-302.2	Air-Assisted Airless Spray	Y	
8-50-302.3	Electrostatic Spray	Y	
8-50-302.4	HVLP	Y	
8-50-304	Corrosion-resistant Materials	Y	
8-50-305	Surface Preparation and Clean-up Solvent	Y	
8-50-305.1	Storage in Closed Containers	Y	
8-50-305.2	Self-closing Containers, Disposal	Y	
8-50-305.3	Minimizing Organic Emissions from Spray Equipment Clean-up	Y	
8-50-305.4	Clean-up Solvent, VOC ≤ 200g/liter	Y	
8-50-307	Gel Coat Requirement	Y	
8-50-501	Records	Y	
8-50-501.1	List of Materials Used	Y	

(continued)

#### IV. Applicable Requirements (continued)

**Table IV-A (continued)**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>SIP-approved/ FE (Y/N)</b>	<b>Future Effective Date</b>
8-50-501.2	List VOC Content of Materials Used	Y	
8-50-501.3	Vapor-suppressed Resin Records	Y	
8-50-501.4	Daily Usage Records	Y	
8-50-501.5	Record Retention for 24 months	Y	
<b>SIP Regulation 8, Rule 50</b>	<b>PROVISIONS NO LONGER IN CURRENT RULE Organic Compounds - Polyester Resin Operations (5/8/95)</b>		
8-50-220 <sup>2</sup>	Volatile Organic Compound	Y <sup>3</sup>	

- <sup>2</sup> This section is a definition, not an applicable requirement. However, it affects the applicable requirements of the regulation. As it is the only difference between the SIP and BAAQMD regulation requirements, it has been included in the permit to distinguish the difference between the applicable requirements.
- <sup>3</sup> This section has been removed from BAAQMD Regulations because it has been superseded. Nevertheless, the source must comply with this regulation until US EPA has reviewed and approved (or disapproved) the District's revision of the regulation.

#### IV. Applicable Requirements (continued)

**Table IV-B**

**S-4, Bulk Storage for Polyester Styrene**

Applicable Requirement	Regulation Title or Description of Requirement	SIP-approved/ FE (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (1/20/93)</b>		
8-5-117	Limited Exemption, Low Vapor Pressure	N	
<b>SIP Regulation 8, Rule 5</b>	<b>PROVISIONS NO LONGER IN CURRENT BAAQMD RULE Organic Compounds - Storage of Organic Liquids (6/10/92)</b>		
8-5-101	Description	Y <sup>3</sup>	
<b>BAAQMD Regulation 8, Rule 50</b>	<b>Organic Compounds - Polyester Resin Operations (12/20/95)</b>		
8-50-305	Surface Preparation and Clean-up Solvent	Y	
8-50-305.1	Storage in Closed Containers	Y	
<b>BAAQMD Condition #12452</b>			
part 1	True Vapor Pressure Limit (basis: BAAQMD Regulation 8-5-117, SIP Regulation 8-5-101)	Y	
part 2	Annual Resin Throughput Limit (basis: cumulative increase)	Y	
part 3	Record Retention Requirement	Y	
part 3a	Material Data (basis: BAAQMD Regulation 8-5-117, SIP Regulation 8-5-101)	Y	
part 3b	Daily Throughput and Monthly Summaries (basis: cumulative increase)	Y	

<sup>3</sup> This section has been removed from BAAQMD Regulations because it has been superseded. Nevertheless, the source must comply with this regulation until US EPA has reviewed and approved (or disapproved) the District's revision of the regulation.

## **V. PERMIT CONDITIONS**

Any condition that is preceded by an asterisk is not federally enforceable.

### **A. Source Specific Permit Conditions**

#### **Condition #12452**

For S-4 Polyester Resin Storage Tank; white, 6000 gallon

1. Only material with a true vapor pressure not exceeding 0.5 psia shall be stored in tank S-4, unless S-4 complies with the applicable requirements of Regulation 8, Rule 5. (basis: BAAQMD Regulation 8-5-117, SIP Regulation 8-5-101)
2. The polyester resin throughput at S-4 shall not exceed 200,000 gallons during any consecutive 12-month period. (basis: cumulative increase)
3. In order to demonstrate compliance with the above conditions, the owner/operator of S-4 shall maintain the following records in a District-approved log. These records may be in the form of computer generated data. These records shall be kept on site and made available for District inspection for a period of 24 months from the date that the record was made.
  - a. The type and true vapor pressure of all materials stored and the dates that the materials were stored. (basis: BAAQMD Regulation 8-5-117, SIP Regulation 8-5-101)
  - b. The total daily throughput of each material stored, summarized on a monthly basis. (basis: cumulative increase)

### **B. Facility-wide Permit Conditions**

None.

## VI. APPLICABLE EMISSION LIMITS & COMPLIANCE MONITORING REQUIREMENTS

The following tables indicate the type of compliance monitoring required for each applicable emission limit. The monitoring frequency indicates whether periodic (P) or continuous (C) monitoring is required. No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

**Table VI-A**

**S-1, CHOPPER GUN #1**

**S-2, CHOPPER GUN #2**

**S-3, SPRAY BOOTH**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Regulation 8-50-301.1	Y		monomer content of resin $\leq$ 35% by weight	Regulation 8-50-501.2	P	records
	Regulation 8-50-301.2	Y		weight loss/emissions from vapor suppressed resin $\leq$ 60 g/m <sup>2</sup> surface area	Regulation 8-50-501.3	P	records
	Regulation 8-50-304	Y		monomer content of corrosion resistant materials $\leq$ 50% by weight	Regulation 8-50-501.2	P	records
	Regulation 8-50-305.4	Y		content of cleaning material $\leq$ 200 g/liter	Regulation 8-50-501.2	P	records
	Regulation 8-50-307	Y		content of gel coat, as applied $\leq$ 250 g/liter	Regulation 8-50-501.2	P	records

## VI. Applicable Emission Limits & Compliance Monitoring Requirements (continued)

**Table VI-B**

### **S-4, BULK STORAGE FOR POLYESTER STYRENE**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	Condition # 12452, part 1; Regulation 8-5-117	Y		true vapor pressure of material stored $\leq 0.5$ psia	Condition # 12452, pt 3a	P	records
	Condition # 12452, pt 2	N		throughput $\leq 200,000$ gal/yr	Condition # 12452, pt 3b	P	daily records

## VII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally found in Section 600 of the regulation. The following table indicates only the test methods associated with the emission limits referenced in Section VI - Applicable Emission Limits & Compliance Monitoring Requirements.

**Table VII**

<b>Applicable Requirement</b>	<b>Description of Requirement</b>	<b>Acceptable Test Methods</b>	<b>EPA Approved</b>
BAAQMD Regulation 8-5-117	Exemption, Low Vapor Pressure	Manual of Procedures, Volume III, Method 28, Determination of Vapor Pressure of Organic Liquids from Storage Tanks	N
SIP Regulation 8-5-101	Description	Manual of Procedures, Volume III, Method 28, Determination of Vapor Pressure of Organic Liquids from Storage Tanks	N
BAAQMD Regulation 8-50-301.1	Process Requirements, Monomer Content	Manual of Procedures, Volume III, Method 39, Determination of Styrene Monomer Content of Polyester Resin Material	Y
BAAQMD Regulation 8-50-301.2	Process Requirements, Vapor Suppressed Resins	Manual of Procedures, Volume III, Method 23, Determination of Volatile Emissions from Polyester Resins	Y
BAAQMD Regulation 8-50-304	Corrosion-resistant Materials	Manual of Procedures, Volume III, Method 23, Determination of Volatile Emissions from Polyester Resins	Y
BAAQMD Regulation 8-50-305.4	Surface Preparation and Clean-up Solvent, VOC Content	Manual of Procedures, Volume III, Method 31, Determination of Volatile Organic Compounds in Paint Strippers, Solvent Cleaners, and Low Solids Coatings	N
BAAQMD Regulation 8-50-307	Gel Coat Requirement	Manual of Procedures, Volume III, Method 26, Determination of Volatile Weight Loss of Gel Coats	Y



## VIII. GLOSSARY

### **BAAQMD**

Bay Area Air Quality Management District

### **BACT**

Best Available Control Technology

### **CAA**

The federal Clean Air Act

### **CEQA**

California Environmental Quality Act

### **CFR**

The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

### **Cumulative Increase**

The sum of permitted emissions from each new or modified source since a specified date. Used to determine whether threshold-based requirements are triggered.

### **District**

The Bay Area Air Quality Management District

### **EPA**

The federal Environmental Protection Agency.

### **Excluded**

Not subject to any District Regulations.

### **Federally Enforceable, FE**

All limitations and conditions which are enforceable by the Administrator of the EPA including those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part 52.21 (PSD), Part 60, (NSPS), Part 61, (NESHAPs), Part 63 (HAP), and Part 72 (Permits Regulation, Acid Rain), and also including limitations and conditions contained in operating permits issued under an EPA-approved program that has been incorporated into the SIP.

### **HAP**

Hazardous Air Pollutant. Any pollutant listed pursuant to Section 112(b) of the Act. Also refers to the program mandated by Title I, Section 112, of the Act and implemented by both 40 CFR Part 63, and District Regulation 2, Rule 5.

### **Major Facility**

A facility with potential emissions of regulated air pollutants greater than or equal to 100 tons per year, greater than or equal to 10 tons per year of any single hazardous air pollutant, and/or greater than or equal to 25 tons per year of any combination of hazardous air pollutants, or such lesser quantity as determined by the EPA administrator.

## **VIII. Glossary (continued)**

### **MFR**

Major Facility Review. The District's term for the federal operating permit program mandated by Title V of the Act and implemented by District Regulation 2, Rule 6.

### **MOP**

The District's Manual of Procedures.

### **NESHAP**

National Emission Standard for Hazardous Air Pollutants. Contained in 40 CFR Part 61.

### **NMHC**

Non-methane Hydrocarbons

### **NSR**

New Source Review. A federal program for preconstruction review and permitting of new and modified sources of air pollutants for which the District is classified "non-attainment". Mandated by Title I of the Clean Air Act and implemented by 40 CFR Parts 51 and 52 as well as District Regulation 2, Rule 2. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

### **Offset Requirement**

A New Source Review requirement to provide federally enforceable emission offsets at a specified ratio for the emissions from a new or modified source and any pre-existing cumulative increase minus any on site contemporaneous emission reduction credits. Applies to emissions of POC, NO<sub>x</sub>, PM<sub>10</sub>, and SO<sub>2</sub>.

### **POC**

Precursor Organic Compounds

### **PM**

Total Particulate Matter

### **PM<sub>10</sub>**

Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

### **PSD**

Prevention of Significant Deterioration. A federal program for permitting new and modified sources of air pollutants for which the District is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the Act and implemented by both 40 CFR Part 52 and District Regulation 2, Rule 2.

### **SIP**

State Implementation Plan. State and District programs and regulations approved by EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the Act.

### **Title V**

Title V of the federal Clean Air Act. Requires a federally enforceable operating permit program for major and certain other facilities.

### **VOC**

## VIII. Glossary (continued)

### Volatile Organic Compounds

#### Units of Measure:

g	=	grams
gal	=	gallon
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
m <sup>2</sup>	=	square meter
min	=	minute
psia	=	pounds per square inch, absolute
scfm	=	standard cubic feet per minute
yr	=	year